

THE REED INTELLECTUAL PROPERTY LAW GROUP

800 MENLO AVENUE, SUITE 210
MENLO PARK, CALIFORNIA 94025
(650) 330-0900 TELEPHONE
(650) 330-0980 FACSIMILE
WWW.REEDPATENT.COM

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FACSIMILE TRANSMITTAL SHEET

TO: Mail Stop Amendment
USPTO
Attn: Examiner Traviss C. McIntosh
Group Art Unit 1623

FACSIMILE NO.: (703) 872-9306

FROM: Mark L. Warzel
Reg. No. 47,264

FACSIMILE NO.: (650) 330-0980
TELEPHONE NO.: (650) 330-0900

DATE: March 10, 2005

PAGE 1 OF: 17

SUBJECT: U.S. Pat. Appl. Ser. No. 10/721,301
Filed November 24, 2003

CONFIRMATION COPY TO FOLLOW:

☐ YES ☒ NO

For " PHOSPHINOAMIDITE
CARBOXYLATES AND ANALOGS
THEREOF IN THE SYNTHESIS OF
OLIGONUCLEOTIDES HAVING
REDUCED INTERNUCLEOTIDE
CHARGE "

By Douglas J. Dellinger
Atty Doc. No. 2750-0001.10

Please see the attached Amendment Under 37 C.F.R. § 1.111, Request for Extension of Time and related transmittal documents for the above-identified patent application.

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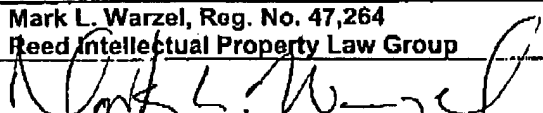
PTO/SB/21 (08-03)

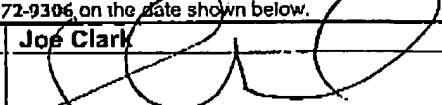
Approved for use through 08/30/2003. OMB 0851-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/721,301	
	Filing Date	November 24, 2003	
	First Named Inventor	Douglas J. Dellinger	
	Art Unit	1623	
	Examiner Name	Traviss C. McIntosh	
Mail Stop	Amendment	Attorney Docket Number	2750-0001.10

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> No fee due <input type="checkbox"/> Fee Transmittal <input checked="" type="checkbox"/> Fee(s) due <input checked="" type="checkbox"/> Fee Transmittal <input type="checkbox"/> Check for \$* <input checked="" type="checkbox"/> Charge any underpayment or credit any overpayment to Deposit Account No. 18-0580 <input checked="" type="checkbox"/> Return postcard <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (3 months) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement & Form(s) PTO-1449 <input type="checkbox"/> Copy(ies) of cited reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s):	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual Name (print/type)	Mark L. Warzel, Reg. No. 47,264 Reed Intellectual Property Law Group	Telephone	(650) 330-0900
Signature		Date	March 10, 2005

CERTIFICATE OF TRANSMISSION			
I hereby certify that this correspondence is being facsimile transmitted to Examiner Traviss C. McIntosh in Group Art Unit 1623 of the USPTO at facsimile number (703) 072-9306 on the date shown below.			
Name (print/type)	Joe Clark		
Signature		Date	March 10, 2005

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FEE TRANSMITTAL for FY 2005

Effective 10/01/03. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$510.00

Complete If Known

Application Number 10/721,301
Filing Date November 24, 2003
First Named Inventor Douglas J. Dellinger
Examiner Name Travis C. McIntosh
Group Art Unit 1623
Attorney Docket No. 2750-0001.10

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account No. 18-0580

Deposit Account Name Reed IP Law Group

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Charge any underpayment or credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING, SEARCH AND EXAMINATION FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	395	Utility filing fee (filed on or before 12/8/04)	
1011	300	2011	150	Utility filing fee (filed after 12/8/04)	
1111	500	2111	250	Search Fee	
1311	200	2311	100	Examination Fee	
1081	250	2081	125	For each additional 50 sheets exceeding 100	

SUBTOTAL (1) \$

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
26	26** = 0	0	
8	8** = 0	0	
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	50	2202	25	Claim in excess of 20	
1201	200	2201	100	Independent claims in excess of 3	
1203	350	2203	180	Multiple dependent claim, if not paid	
1204	200	2204	100	** Reissue independent claims over original patent	
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1801	920*	1801	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	\$510
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1814	130	2814	65.00	Statutory Disclaimer	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$510.00

SUBMITTED BY

Name (Print/Type)	Mark L. Warzel	Registration No. (Attorney/Agent)	47,264	Telephone	(650) 330-0900
Signature		Date	March 10, 2005		

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Amendment dated March 10, 2005
Reply to Office Action of September 10, 2004

MAR 10 2005

Atty Dkt No. 2750-0001.10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Confirmation No: 7685

Douglas J. DELLINGER

Examiner: Traviss C. MCINTOSH

Serial No.: 10/721,301

Group Art Unit: 1623

Filing Date: November 24, 2003

Title: PHOSPHINOAMIDITE CARBOXYLATES AND ANALOGS THEREOF IN THE
SYNTHESIS OF OLIGONUCLEOTIDES HAVING REDUCED INTERNUCLEOTIDE
CHARGE

AMENDMENT UNDER 37 CFR § 1.111
and REQUEST FOR EXTENSION OF TIME

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed from the U.S. Patent & Trademark Office on September 10, 2004. A 3-month extension of time is requested, and the fee therefore accompanies this response. Please amend the application as indicated herein.

Amendments to the Specification begin on page 2 of this document.

Amendments to the Claims are shown in the *Listing of the Claims* beginning on page 3 of this document.

Remarks begin on page 12 of this document.